

TECHNICAL DATA SHEET

POLYVINYL ALCOHOL - 2488

DESCRIPTION OF PRODUCT

PVA 2488 is composed of Poly vinyl alcohol, a water-soluble synthetic polymer that has been partially hydrolyzed. The presence of both hydroxyl and acetate functional groups provides the polymer with its effective properties as a water-soluble thickener and protective colloid. It is used as an additive to cement and mortar for efficient increase of their cohesion and fluidity, and reduce the drying time for the concrete surface.

Solubility: Cold Water Soluble Stable in almost all organic solvents. Not dissolved in animal and plant oils and grease.

PROPERTIES

Improve the workability.

PVA shows high tensile strength and flexibility.

It is soluble in water and has no odor.

Excellent Adhesive property.

Slow down the drying time of the finished product surface.

APPLICATION

It is mainly used in various building materials such as

Dry powder putty

Dry-mix mortar

Gypsum products

Wood glue / Adhesive

TECHNICAL SPECIFICATIONS

Test	Result
Hydrolysis degree	87.0 %- 89.0%
Purity	≥ 93.5 %
Viscosity	45 – 58 M.pa.s
pH	5 -7
Mesh Size	120

DISSOLVING METHOD:

Pouring a certain amount of water into the dissolving tank, the water temperature should be below 30 °C, then start the blender and pour into PVA slowly, the filling speed with PVA should be keep into 10 kilogram per min advisable. Confirm the PVA powder has fully dispersed (about 10-20 minutes) then heat the solution, and it can be completely dissolved when heat to 90°C about 1 hour.

ADVANTAGES

It can effectively increase the adhesion of material, lime calcium and gypsum.
Slow down the drying time of the finished product surface.
Prevent the surface coating cracking.
It is suitable for interior wall and tile bonding.

DOSAGE:

0.5 - 1.0% by weight of Total Mix (5-10 Kg in 1Ton)

STORAGE

The material is very stable with no risk of molding and deteriorating. Stored in a under dry condition.
Keep away from moisture. Properly tie the bags after use.

SHELF LIFE

Storage time should not exceed 12 months from receipt of delivery.

PACKING

POLYVINYL ALCOHOL – 2488 is available in 25 kg Bag.

